Application Serial No. 10/810,432
Amendment date December 30, 2005
Reply to Office action of June 15, 2005

REMARKS

Reconsideration of the subject application is respectfully requested.

Claims 8-13 are currently pending in the subject application.

The pending claims are directed to a method, such as recited in independent claim 8, for real-time online search processing of shopping requests received from a wireless handheld client. The communication between the wireless handheld client and a remote server uses XML. Information is maintained in an offline database about a plurality of vendor sites including URL's, search form URL's, description of domains, and vendor descriptions. The vendor descriptions include generalized results about how product information is organized on each of the vendor sites. A product keyword request, received from the wireless handheld device, is processed. Real-time price and product information in native languages of identified vendor sites are extracted from the identified vendor sites, and the extracted price and product information are communicated to the wireless handheld device.

Dependent claims 9-13 recite further features of the claimed invention. For example, claim 9 recites that the extracting real-time price and product information step, includes the step of posting a request to at least one of the vendors online, in real-time, and retrieving, sorting, and displaying the data obtained in response to the posted request. Claim 11 further recites that the vendor descriptions maintained in the offline database includes *patterns which identify information in the vendor sites*, and that those patterns are used to retrieve data from the vendor sites. Examples of these *patterns* are provided in the subject application, for example, in paragraphs 0357 and 0421 of the published version.

Claim 8 has been amended to correct a typographical error in subparagraph "a," so that the term "server" appears, rather than the incorrect term "sever." As is clear from the reference to "the remote server" in subparagraphs "c", "d," and "e" of claim 8, the term "sever" in subparagraph "a" is a typographical error.

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Rejection of claims 8-10, 12 and 13 under 35 USC 103(a):

The Examiner has rejected claims 8-10,12 and 13 under 35 USC 103(a) as unpatentable over PriceGrabber (a collection of prior art cited in PTO-892, Items: U-W, and UU) in view of Randall (PTO-892, Item: X). The Examiner has taken the position that the PriceGrabber collection "teaches all of the above as noted under the 1-3(a) rejection and teaches a web site using HTML, but does not disclose XML." And that "[i]t would have been obvious to one of ordinary skill in the art at the time of the invention to modify the method of PriceGrabber to implement content using XML as taught by Randall, in order to filter information into multiple categories." Applicant respectfully traverses this rejection.

As understood from the PriceGrabber collection cited by the Examiner, not only does the PriceGrabber collection fail to disclose communicating with the wireless handheld client through a remote server using XML, it also does not teach, suggest or make obvious, at least the following features recited in claim 8:

1. maintaining in an offline database, information which includes "search form URL's;"

2. "extracting real-time price and production information" from identified ones of the plurality of vendor sites; and

3. price and production information, extracted from the identified ones of the plurality of vendor sites, which are "in a native language of the vendor site."

As to feature 1, it is respectfully submitted that the PriceGrabber collection does not disclose that "search form URL's" are maintained in any offline database of information on vendor sites. The Examiner has asserted only that the PriceGrabber "site maintains merchant ratings, customer reviews (U: see at least page 1)."

As to feature 2, it is respectfully submitted that the PriceGrabber collection does not disclose the claimed method for *real-time* online search processing of shopping requests which includes the step of extracting *real-time* price and product information from identified ones of the plurality of vendor sites. While page 2 of reference U mentions "real-time updates on latest product prices by category or part number," the

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fact that "updates" are involved suggests that the information initially presented to a user is information which had been collected together in earlier information retrieving steps. A further indication in support of this non-real-time information gathering is suggested in reference V, on the second page, by the link "Become a Merchant," which suggests that "Merchant" information may be submitted, indexed, categorized and sub-categorized ahead of time by a "Merchant" so that such information can be provided to a user as part of a response to a search request, rather than providing such information to a user through a "real-time" price and information extraction as recited in claim 8.

As to feature 3, it s respectfully submitted that the PriceGrabber collection does not disclose a method of real-time online search processing of shopping requests in which extracted price and product information are in a native language of the site. As is clear from the portions of references U and V cited by the Examiner, searching in a native language requires that different sites must be used: for example, searching in Spanish requires logging onto "www.preciomania.com," while searching in Portuguese requires logging onto a different website "www.precomania.com." Thus, the PriceGrabber collection does not disclose the method of claim 8.

For at least the foregoing reasons it is respectfully submitted that independent claim 8 is allowable, over the PriceGrabber collection and Randall, and that claims 9, 10, 12 and 13, as ultimately dependent from allowable base claim 8, are also allowable.

Rejection of claim 11 under 35 USC 103(a):

The Examiner has rejected claim 11 under 35 USC 103(a) as unpatentable over "PriceGrabber (a collection of prior art cited in PTO-892, Items: U-W, and UU) and Randall (PTO-892, Item: X) as applied to Claim 9, further in view of Business Wire (PTO-892, Item: WW)." In rejecting claim 11 the Examiner has interpreted the term "patterns which identify information in vendor sites" as including "indication of interest data" as purportedly taught by Business Wire (PTO-892, Item: WW). Applicant respectfully traverses this rejection.

As recited in claim 11, the "vendor descriptions maintained in the offline database includes patterns which identify information in the vendor sites." (Emphasis added.) As noted above, examples of such patterns are provided in the subject application, for

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example, in paragraphs 0357 and 0421 of the published version, such as delimiters which *identify* price and product information within the vendor site. Further, as can be understood from base claim 8, these "patterns" are part of the "vendor descriptions which include generalized rules about how product information is *organized* on each of the vendor sites." (Emphasis added.) In contrast, the "indication of interest data" relied upon by the Examiner in Business Wire (PTO-892, Item: WW) is information about "consumer buying activity," not about how product information is organized in a vendor site.

For at least the foregoing reasons it is respectfully submitted that claim 11 is allowable over "PriceGrabber (a collection of prior art cited in PTO-892, Items: U-W, and UU) and Randall (PTO-892, Item: X) as applied to Claim 9, further in view of Business Wire (PTO-892, Item: WW)."

Conclusion

For the foregoing reasons, it is respectfully submitted that the subject application is in condition for allowance, and the Examiner's indication to that end is respectfully solicited.
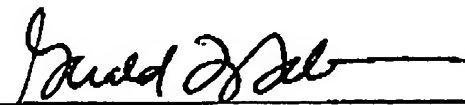
The Commissioner is hereby authorized to charge any fees that may be associated with this communication to Deposit Account No. <u>07-1896</u>.

Respectfully submitted,

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Date: December 30, 2005   By: _____

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